

COMBINED DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

As a below name inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the invention enti		•		
Novel Human G	ene Relating to Respiratory D	iseases, Obesity, and Inflan	imatory Bowel Disease	
the specification	of which			α.
a. []	is attached hereto	·		
b. [X]	was filed on April 13, 2001 as (if applicable).	application Serial No. <u>09/83</u> 4	1,597 and was amended on	
	PCT FILED APPLICA	ATION ENTERING NATIO	NAL STAGE	
c. []	was described and claimed in I as amended on	International Application No.	filed on	and
I hereby state that claims, as amend	at I have reviewed and understar ded by any amendment referred	nd the contents of the above-ito above.	dentified specification, include	ling the
I acknowledge the Federal Regulati	the duty to disclose information vions, § 1.56.	which is material to the paten	tability as defined in Title 37	, Code of
I hereby specify to be directed:	the following as the correspond	ence address to which all co	mmunications about this appl	ication are
SEND	CORRESPONDENCE TO:	MORGAN & FINNEGAN 345 Park Avenue New York, N.Y. 10154	, L.L.P	
	CT TELEPHONE CALLS TO: 758-4800	Richard C. Komson		
§ 365(b) of any application(s) d	hereby claim foreign priority foreign application(s) for paten esignating at least one country tion(s) for patent or inventor's c atter having a filing date within	it or inventor's certificate or other than the U.S. listed be certificate or such PCT intern	under § 365(a) of any PC1 is low and also have identified national application(s) filed b	nternationa below such y me on the
[] The declaration.	ne attached 35 U.S.C. § 119 clair	m for priority for the applica	tion(s) listed below forms a p	art of this
643025 v1		1	MOY 3 0 2001	
			OFFICE OF PETITIONS DEPUTY A/C PATENTS	3

Country/PCT	Application Number	Date of filing (day, month, yr)	Date of Issue (day, month, yr)	Priority <u>Claimed</u>
				[]YES []NO
				[]YES[]NO
[X] I hereby clain	m the benefit under 3	5 U.S.C. § 119(e) of any U.S	. provisional application(s) listed below.
Provisional Appli	cation No.	Date of	Filing (day, month, yr)	
09/548;797		April 13	3, 2000	e godine o see
I hereby claim th	OR PCT INTERNA	FOR DIVISIONAL, CONTR TIONAL APPLICATION(S) 35, United States Code § 120 blication(s) designating the U	of any United States apples. listed below.	ication(s) or under
US/PCT Applica	ition Serial No.	Filing Date		ending, abandoned)/ . assigned (For PCT)
US/PCT Applica	ation Serial No.	Filing Date	Status (patented, po U.S. application no	ending, abandoned)/ b. assigned (For PCT)
application is no provided by the information as of the prior applica	ot disclosed in the ab first paragraph of T defined in Title 37, C ation(s) and the natio	n-part application, insofar a ove listed prior United States itle 35, United States Code, ode of Federal Regulations, and or PCT international filin made herein of my own kn	§ 112, I acknowledge the § 1.56(a) which occurred by date of this application.	duty to disclose material petween the filing date of
information and	d belief are believed	to be true; and further that th	ese statements were made	With the knowledge that

2

willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of

Title 18 of the United States Code and that such willful false

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: John C. Vassil (Reg. No. 19,098), Alfred P. Ewert (Reg. No. 19,887), David H. Pfeffer (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Dailey (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Reg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdirame (Reg. No. 28,483), Maria C.H. Lin (Reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael P. Dougherty (Reg. No. 32,730), Seth J. Atlas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 35,613), Kenneth H. Sonnenfeld (Reg. No. 33,285), Tony V. Pezzano (Reg. No. 38,271), Andrea L. Wayda (Reg. No. 36,813), Leslie A. Serunian (Reg. No. 35,353) and Caryn DeHoratius (Reg. No. 36,231), Robert K. Goethals (Reg. No. 36,813), Leslie A. Serunian (Reg. No. 35,353) and Caryn DeHoratius (Reg. No. 45,881) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York, 10154; and Michael S. Marcus (Reg. No. 31,727), John E. Hoel (Reg. No. 26,279) and Stanley B. Green (Reg. No. 24,351) of Morgan & Finnegan, L.L.P., whose address is 1775 Eye Street, Suite 400, Washington, D.C. 20006;

I hereby authorize the U.S. attorneys and/or agents named hereinabove to accept and follow instructions from		
as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and/or agents and mediatorneys and/or agents hereinabove.		
ull name of sole or first inventor Tim Keith		
nventor's signature*		
Date Sesidence 324 North Road, Bedford, Massachusetts 01730		
Citizenship United States		
Post Office Address same as above		
Full name of second joint inventor, if any Randall Little		
nventor's signature*		
Date Residence 73 Elm Road, Newtonville, Massachusetts 02493		
Citizenship United States		
Post Office Address same as above		

Full name of third joint inventor, if any	Paul Van Eerdewegh		
Inventor's signature*			
Residence 25 Linden Circle, Weston,	Massachusetts 02493	Date	
Citizenship Belgian			
Post Office Address same as above			

- [X] ATTACHED IS/ARE ADDED PAGE(S) TO COMBINED DECLARATION AND POWER OF ATTORNEY FORM FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS
- * Before signing this declaration, each person signing must:
 - 1. Review the declaration and verify the correctness of all information therein; and
 - 2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

643025 v1

ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any: <u>Josèe Dupuis</u>	
Inventor's signature	Date
Residence 62 Davis Road, Belmont, Massachusetts 02178	
Citizenship Canadian	
Post Office Address same as above	
Full name of fifth joint inventor, if any: Richard Del Mastro	
Inventor's signature	Date
Residence 31 Lake Shore Drive, Norfolk, Massachusetts 02056	
Citizenship United Kingdom	
Post Office Address same as above	
	W2
Full name of sixth joint inventor, if any: Jason Simon	11/4/01
Inventor's signature	Date
Residence 1019 Summit Avenue, Westfield, New Jersey 07090	
Citizenship United States	
Post Office Address same as above	

Full name of seventh joint inventor, if any: Kristina Allen	
Inventor's signature	Date
Residence 11 Oliver Lane, Hopkinton, Massachusetts 01748	
Citizenship United States	
Post Office Address same as above	
機。 Managaran Managaran	
Full-name of eighth joint inventor, if any: Sunil Pandit	
Inventor's signature	Date
Residence 353 W Side Dr, Apt 202, Gaithersburg, MD 20878-3028	
Citizenship	
Post Office Address same as above	

Before signing this declaration, each person signing must:

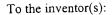
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- 2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

FORM: ADDED-PG.DEC

Signing on behalf of Sunil Pandit:

Tim Keith,	signature	Date
Randall Little,	signature	Date
Paul Van eerdewegh,	signature	Date
Josèe Dupuis,	signature	Date
Richard Del Mastro,	signature	Date
Jason Simon,	signature	Date 11/19/07
Kristina Allen,	signature	Date



The following are cited in or pertinent to the declaration attached to the accompanying application:

Title 37, Code of Federal Regulation, § 1.56

Duty to disclose information material to patentability.

- A patent by its very nature is affect with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

Title 35, U.S. Code § 101

Inventions patentable

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Title 35 U.S. Code § 102

Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless -

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent,

- (b) the invention was patented or described in a printed publication in this or foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate field more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other ...

Title 35, U.S. Code § 103

Conditions for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

Title 35, U.S. Code § 112 (in part)

Specification

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise and exact terms also enable any person skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Title 35, U.S. Code § 119

Benefit of earlier filing date in foreign country; right of priority

An application for patent for an invention filed in this country by any person who has, or whose legal representatives or assigns have, previously regularly filed an application for a patent for the same invention in a foreign country which affords similar privileges in the case of applications filed in the United States or to citizens of the United States, shall have the same effect as the same application would have if filed in this country on the date on which the application for patent for the same invention was first filed in such foreign country, if the application in this country is filed within twelve months from the earliest date on which such foreign application was filed; but no patent shall be granted on any application for patent for an invention which had been patented or described in a printed publication in any country more than one year before the date of he actual filing of the application in this country, or which had been in public use or on sale in this country more than one year prior to such filing.

Title 35, U.S. Code § 120

Benefit or earlier filing date in the United States

An application for patent for an invention disclosed in the manner provided by the first paragraph of section 112 of this title in an application previously filed in the United States, or as provided by section 363 of this title, which is filed by an inventor or inventors named in the previously filed application shall have the same effect, as to such invention, as though filed on the date of the prior application, if filed before the patenting or abandonment of or termination of proceedings on the first application or an application similarly entitled to the benefit of the filing date of the first application and if it contains or is amended to contain a specific reference to the earlier filed application.

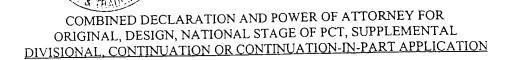
Please read carefully before signing the Declaration attached to the accompanying Application.

If you have any questions, please contact Morgan & Finnegan, L.L.P.

FORM:COMB-DEC.NY Rev. 01/01

643025 v1 iii

OFFICE OF PETITIONS DEPUTY A/C PATENTS



As a below name inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

and sole inventor (if only one name is listed below) or an original, first and joint

I believe I am th inventor (if plura the invention ent	l names are listed below) of the	or (if only one name is listed subject matter which is claime	d and for which a patent is sought on
Novel Human G	ene Relating to Respiratory D	iseases, Obesity, and Inflam	natory Bowel Disease
the specification	of which	No. 1 to 1 to 1	
a. []	is attached hereto		
b. [X]	was filed on April 13, 2001 as (if applicable).	application Serial No. <u>09/834.</u>	597 and was amended on
	PCT FILED APPLICA	ATION ENTERING NATION	AL STAGE
c. []	was described and claimed in l	International Application No (if any).	filed on and
I hereby state the claims, as amend	at I have reviewed and understar ded by any amendment referred	nd the contents of the above-ion to above.	entified specification, including the
I acknowledge t Federal Regulat	he duty to disclose information vions, § 1.56.	which is material to the patent	ability as defined in Title 37, Code of
I hereby specify to be directed:	the following as the correspond	lence address to which all con	munications about this application are
SEND	CORRESPONDENCE TO:	MORGAN & FINNEGAN, 345 Park Avenue New York, N.Y. 10154	L.L.P
	CT TELEPHONE CALLS TO: 758-4800	Richard C. Komson	
§ 365(b) of any application(s) of	of foreign application(s) for pater designating at least one country	other than the U.S. listed bel	ted States Code § 119(a)-(d) or under ander § 365(a) of any PCT international ow and also have identified below such ational application(s) filed by me on the at of the application on which priority is
	he attached 35 U.S.C. § 119 clai	m for priority for the applicat	ion(s) listed below forms a part of this
declaration.		1	RECEIVED
643025 v1			NON 3 0 2001

Country/PCT	Application <u>Number</u>	Date of filing (day, month, yr)	Date of Issue (day, month, yr)	Priority <u>Claimed</u>
		,		[]YES []NO
				[]YES[]NO
	1 . 1	U.S.C. § 119(e) of any U.S	provisional application(s	s) listed below.
[X] I hereby clair	n the benefit under 33			,
Provisional Appli	cation No.	Date of	Filing (day, month, yr)	
09/548,797	, <u>s</u>	April 1	3, 2000	in the second
I hereby claim th	OR PCT INTERNAT	OR DIVISIONAL, CONTICONAL APPLICATION(S) 5, United States Code § 120 cation(s) designating the U	of any United States app). s .)
	© 1001			
US/PCT Applica	tion Serial No.	Filing Date		ending, abandoned)/ o. assigned (For PCT)
US/PCT Applica	ation Serial No.	Filing Date	Status (patented, p U.S. application n	ending, abandoned)/ o. assigned (For PCT)
application is no	ot disclosed in the above	part application, insofar a ve listed prior United State e 35, United States Code, de of Federal Regulations,	s or PC1 international app 8 112. I acknowledge the	duty to disclose material

643025 v1

Title 18 of the United States Code and that such willful false

the prior application(s) and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of

2

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: John C. Vassil (Reg. No. 19,098), Alfred P. Ewert (Reg. No. 19,887), David H. Pfeffer (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Dailey (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 27,471), Arnold I. Rady (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Reg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdirame (Reg. No. 28,483), Maria C.H. Lin (Reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael P. Dougherty (Reg. No. 32,730), Seth J. Atlas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 33,676), Mark J. Abate (Reg. No. 32,527), John T. Gallagher (Reg. No. 35,516), Steven F. Meyer (Reg. No. 35,613), Kenneth H. Sonnenfeld (Reg. No. 33,285), Tony V. Pezzano (Reg. No. 38,271), Andrea L. Wayda (Reg. No. 43,979), Walter G. Hanchuk (Reg. No. 35,353) and Caryn DeHoratius (Reg. No. 45,881) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York, 10154; and Michael S. Marcus (Reg. No. 31,727), John E. Hoel (Reg. No. 26,279) and Stanley B. Green (Reg. No. 24,351) of Morgan & Finnegan, L.L.P., whose address is: 1775 Eye Street, Suite 400, Washington, D.C. 20006;

[]	I hereby authorize the U.S. attorneys and/or agents from	s named hereinabove to accept and follow instructions
	regarding this application without direct communic	to be taken in the U.S. Patent and Trademark Office ation between the U.S. attorneys and/or agents and me. om instructions may be taken I will so notify the U.S.
Full nan	ne of sole or first inventorTim Keith	
Inventor	's signature* I in Waith	11/9/01
Residen	ce 324 North Road, Bedford, Massachusetts 017	Date 30
Citizens	hip United States	
Post Off	ice Address same as above	
Full nar	ne of second joint inventor, if any Randall Little	<u></u>
Invento	r's signature* Apl. 6 M. 73 Fire Read Neutronille Massachusette	11/13/01
Residen	Apl. 6 M. o a concern of the concern	2460RL Date 2493
Citizens	ship United States	
Post Of	fice Address same as above	

Full name of third joint inventor, if any	Paul Van Eerdewegh		
Inventor's signature*		11/08/01	
		Date	
Residence 25 Linden Circle, Weston, M	assachusetts 02493		
Citizenship Belgian			
Post Office Address same as above			

- [X] ATTACHED IS/ARE ADDED PAGE(S) TO COMBINED DECLARATION AND POWER OF ATTORNEY FORM FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS
- * Before signing this declaration, each person signing must:
 - 1. Review the declaration and verify the correctness of all information therein; and
 - 2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

643025 v1

ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any: <u>Josee Dupuis</u>	
Inventor's signature Jasic Dupe 111 Fairway Dr. Newton Massachusetts	11/13/01
111 Fairway Dr. Newton Massachusetts Residence 62 Davis Road, Behmont, Massachusetts 02178	O2465 Date
Citizenship <u>Canadian</u>	
Post Office Address same as above	
Full name of fifth joint inventor, if any: Richard Del Mastro	
Inventor's signature Achen C- Tel Mark	13th November 2001
Lakeshore (Rom)	Date
Residence 31-Lake Shore Drive, Norfolk, Massachusetts 02056	
Citizenship United Kingdom British	
Post Office Address same as above	
10% Office / Idadess and 10% a	
Full name of sixth joint inventor, if any: <u>Jason Simon</u>	
Inventor's signature*	
Residence 1019 Summit Avenue, Westfield, New Jersey 07090	Date
Residence 1019 Summit Avenue, Westricia, New Jersey 17870	
Citizenship United States	
Post Office Address same as above	

Full name of seventh joint inventor, if any: Kristina Allen	
inventor's signature Lustera Allen	11/2/01
	Date
Residence 11 Oliver Lane, Hopkinton, Massachusetts 01748	
Citizenship United States	
Post Office Address same as above	
• "	
Full-name of eighth joint inventor, if any: Sunil Pandit	e dan garangan kengan dan beranggan dan beranggan dan beranggan beranggan beranggan beranggan beranggan berang
Inventor's signature	Date
Residence 353 W Side Dr. Apt 202, Gaithersburg, MD 20878-3028	
Citizenship	
Post Office Address same as above	

Before signing this declaration, each person signing must:

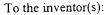
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- 2. Review the specification and the claims, including any amendments made to the claims.

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FORM: ADDED-PG.DEC

Signing on behalf of Sunil Pandit:

Tim Keith, Tim Kuth signature	Date 11/09/61
Randall Little, <u>signature</u>	Date ///3/0/
Paul Van eerdewegh, signature	Date///08/01
Josée Dupuis, Joseph Signature	Date 11/13/01
Richard Del Mastro, Richard Del Mastro, Signature	Date 13th November, 200
Jason Simon,signature	Date
Kristina Allen, Kristina Allen, signature	Date



The following are cited in or pertinent to the declaration attached to the accompanying application:

Title 37, Code of Federal Regulation, § 1.56

Duty to disclose information material to patentability.

- A patent by its very nature is affect with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

Title 35, U.S. Code § 101

Inventions patentable

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Title 35 U.S. Code § 102

Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless -

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent,

- (b) the invention was patented or described in a printed publication in this or foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate field more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or

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- (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other ...

Title 35, U.S. Code § 103

Conditions for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

Title 35, U.S. Code § 112 (in part)

Specification

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise and exact terms also enable any person skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Title 35, U.S. Code § 119

Benefit of earlier filing date in foreign country; right of priority

An application for patent for an invention filed in this country by any person who has, or whose legal representatives or assigns have, previously regularly filed an application for a patent for the same invention in a foreign country which affords similar privileges in the case of applications filed in the United States or to citizens of the United States, shall have the same effect as the same application would have if filed in this country on the date on which the application for patent for the same invention was first filed in such foreign country, if the application in this country is filed within twelve months from the earliest date on which such foreign application was filed; but no patent shall be granted on any application for patent for an invention which had been patented or described in a printed publication in any country more than one year before the date of he actual filing of the application in this country, or which had been in public use or on sale in this country more than one year prior to such filing.

Title 35, U.S. Code § 120

Benefit or earlier filing date in the United States

An application for patent for an invention disclosed in the manner provided by the first paragraph of section 112 of this title in an application previously filed in the United States, or as provided by section 363 of this title, which is filed by an inventor or inventors named in the previously filed application shall have the same effect, as to such invention, as though filed on the date of the prior application, if filed before the patenting or abandonment of or termination of proceedings on the first application or an application similarly entitled to the benefit of the filing date of the first application and if it contains or is amended to contain a specific reference to the earlier filed application.

Please read carefully before signing the Declaration attached to the accompanying Application.

If you have any questions, please contact Morgan & Finnegan, L.L.P.

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